

T.I.T.L. MARKET SAMPLE NO. 4

TEST 1 AND 2 RESULTS

GROUPED BY SMOKING MACHINE

		<u>Puff Count/cigt. - Test 1</u>			<u>Puff Count/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Alpine	X	8.8±0.1	8.9±0.1	8.9±0.1	8.7±0.2	8.8±0.1	8.7±0.1
	s	0.2	0.2	0.2	0.3	0.2	0.2
	CV	2.7	2.3	2.4	3.1	1.8	2.5
Belair	X	8.6±0.1	8.6±0.2	8.6±0.1	8.2±0.1	8.2±0.1	8.2±0.1
	s	0.2	0.4	0.3	0.2	0.2	0.2
	CV	2.5	4.3	3.5	2.5	2.8	2.6
Benson & Hedges reg. size	X	7.4±0.2	7.6±0.2	7.5±0.1	6.5±0.2	6.5±0.2	6.5±0.1
	s	0.3	0.3	0.3	0.2	0.3	0.3
	CV	3.9	4.6	4.3	3.9	4.9	4.3
Benson & Hedges king size	X	9.2±0.2	9.3±0.2	9.3±0.2	8.8±0.2	8.9±0.1	8.9±0.1
	s	0.3	0.4	0.3	0.4	0.2	0.3
	CV	3.6	4.1	3.8	4.2	2.1	3.3
Benson & Hedges 100 mm. filter	X	9.8±0.2	10.0±0.2	9.9±0.1	10.1±0.2	9.9±0.1	10.0±0.1
	s	0.2	0.4	0.3	0.2	0.2	0.2
	CV	2.5	3.5	3.1	2.5	1.8	2.4
Benson & Hedges 100 mm. menthol	X	9.9±0.2	10.1±0.2	10.0±0.1	10.0±0.2	10.0±0.1	10.0±0.1
	s	0.3	0.2	0.3	0.3	0.2	0.3
	CV	2.8	2.4	2.7	3.2	2.0	2.6
Bull Durham	X	11.3±0.3	11.4±0.2	11.3±0.2	10.7±0.3	10.6±0.2	10.6±0.2
	s	0.4	0.2	0.3	0.5	0.3	0.4
	CV	3.7	2.1	3.0	4.4	2.8	3.7

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		<u>Puff Count/cigt. - Test 1</u>			<u>Puff Count/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Camel	X	8.3±0.2	8.3±0.1	8.3±0.1	7.2±0.4	7.2±0.1	7.2±0.2
reg. size,	s	0.3	0.2	0.3	0.7	0.2	0.5
non-filter	CV	3.7	2.5	3.1	10.0	2.4	7.1
Camel	X	9.8±0.2	9.9±0.3	9.8±0.2	9.4±0.2	9.3±0.2	9.3±0.1
king size	s	0.4	0.5	0.4	0.3	0.2	0.2
filter	CV	3.7	5.5	4.6	2.8	2.6	2.6
Carlton	X	9.1±0.1	9.0±0.2	9.0±0.1	8.9±0.2	9.0±0.2	9.0±0.1
	s	0.2	0.3	0.3	0.3	0.3	0.3
	CV	2.5	3.6	3.0	3.4	3.1	3.3
Cascade	X	7.8±0.1	7.8±0.2	7.8±0.1	7.5±0.2	7.5±0.2	7.5±0.2
	s	0.2	0.3	0.3	0.4	0.3	0.3
	CV	2.9	4.1	3.5	5.4	4.0	4.6
Century	X	10.5±0.2	10.7±0.2	10.6±0.2	10.7±0.2	10.4±0.3	10.5±0.2
	s	0.4	0.4	0.4	0.4	0.5	0.5
	CV	3.9	3.4	3.7	3.7	5.2	4.7
Chesterfield	X	8.1±0.2	8.2±0.1	8.1±0.1	7.1±0.2	6.9±0.2	7.0±0.1
reg. size,	s	0.4	0.2	0.3	0.3	0.2	0.3
non-filter	CV	4.4	2.4	3.4	4.9	3.6	4.4
Chesterfield	X	10.4±0.3	10.3±0.3	10.4±0.2	9.4±0.3	9.2±0.1	9.3±0.2
king size,	s	0.4	0.5	0.4	0.4	0.2	0.4
non-filter	CV	4.2	4.5	4.3	4.8	1.9	3.8
Chesterfield	X	9.4±0.2	9.4±0.2	9.4±0.2	9.1±0.2	8.8±0.2	8.9±0.2
king size,	s	0.4	0.3	0.4	0.3	0.3	0.4
filter	CV	4.2	3.6	3.8	3.2	3.9	4.0

		<u>Puff Count/cigt. - Test 1</u>			<u>Puff Count/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Chesterfield	X	9.1±0.3	9.0±0.2	9.0±0.2	8.5±0.2	8.4±0.2	8.5±0.1
king size,	s	0.4	0.3	0.4	0.3	0.4	0.3
filter menthol	CV	5.0	3.3	4.2	3.4	4.3	3.8
Chesterfield	X	10.2±0.3	10.3±0.2	10.2±0.2	10.4±0.2	10.1±0.2	10.2±0.1
101 mm.	s	0.4	0.4	0.4	0.3	0.3	0.3
	CV	4.2	3.6	3.8	2.9	2.8	3.1
Colony	X	10.7±0.2	10.8±0.2	10.7±0.1	10.4±0.2	10.3±0.1	10.3±0.1
100 mm.	s	0.3	0.3	0.3	0.3	0.2	0.3
filter	CV	3.2	2.9	3.0	3.3	1.6	2.6
Colony	X	10.1±0.1	10.3±0.2	10.2±0.1	9.6±0.1	9.6±0.2	9.6±0.1
100 mm.	s	0.2	0.2	0.2	0.2	0.2	0.2
filter menthol	CV	2.2	2.4	2.4	2.5	2.7	2.5
Domino	X	9.6±0.2	9.8±0.3	9.7±0.2	8.9±0.2	9.0±0.2	8.9±0.2
king size,	s	0.2	0.5	0.4	0.4	0.4	0.4
non-filter	CV	2.6	5.3	4.3	4.1	4.0	4.0
Domino	X	10.2±0.3	10.5±0.3	10.3±0.2	9.3±0.3	9.1±0.5	9.2±0.3
king size,	s	0.5	0.5	0.5	0.4	0.8	0.6
filter	CV	4.5	4.7	4.8	4.9	8.4	6.8
Domino	X	10.4±0.3	10.8±0.3	10.6±0.2	9.9±0.3	9.7±0.2	9.8±0.2
king size,	s	0.5	0.4	0.5	0.5	0.4	0.4
filter menthol	CV	4.7	4.0	4.5	4.9	4.0	4.5
Duke	X	6.8±0.1	6.8±0.2	6.8±0.1	7.0±0.2	6.8±0.2	6.8±0.2
	s	0.2	0.3	0.3	0.4	0.3	0.4
	CV	3.3	4.7	3.9	5.3	4.8	5.2

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		<u>Puff Count/cigt. - Test 1</u>			<u>Puff Count/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Du Maurier	X	9.0±0.2	9.2±0.2	9.1±0.1	8.9±0.3	8.9±0.1	8.9±0.1
	s	0.4	0.2	0.3	0.4	0.1	0.3
	CV	4.0	2.6	3.5	4.7	1.3	3.4
English Ovals	X	9.0±0.2	8.9±0.3	8.9±0.2	7.2±0.2	7.4±0.3	7.3±0.2
reg. size,	s	0.4	0.5	0.4	0.4	0.4	0.4
non-filter	CV	4.2	5.9	5.0	5.5	6.2	5.8
English Ovals	X	11.7±0.2	12.1±0.4	11.9±0.2	10.6±0.2	10.7±0.3	10.6±0.2
king size,	s	0.3	0.6	0.5	0.3	0.5	0.4
non-filter	CV	3.0	4.7	4.2	2.6	4.6	3.7
Fatima	X	11.4±0.2	11.7±0.2	11.5±0.2	10.1±0.3	10.0±0.2	10.0±0.2
	s	0.3	0.3	0.3	0.5	0.3	0.4
	CV	2.9	2.3	3.0	4.7	2.7	3.8
Frappe	X	8.4±0.2	8.5±0.2	8.5±0.1	8.2±0.3	8.1±0.1	8.2±0.2
	s	0.3	0.3	0.3	0.5	0.2	0.4
	CV	4.1	3.8	3.9	6.3	2.8	4.8
Galaxy	X	8.8±0.2	9.0±0.2	8.9±0.1	8.8±0.2	8.8±0.2	8.8±0.1
	s	0.3	0.3	0.3	0.3	0.3	0.3
	CV	3.9	3.0	3.6	3.1	3.2	3.1
Gauloises	X	7.6±0.2	7.8±0.3	7.7±0.2	6.6±0.2	6.7±0.2	6.6±0.1
Caporal	s	0.3	0.5	0.4	0.4	0.3	0.3
non-filter	CV	4.3	6.3	5.6	6.0	4.1	5.0
Gauloises	X	8.6±0.3	8.9±0.2	8.8±0.2	7.7±0.2	7.6±0.2	7.6±0.2
Disque Bleu	s	0.4	0.3	0.4	0.4	0.4	0.4
filter	CV	5.1	3.8	4.7	5.0	4.9	4.8

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		<u>Puff Count/cigt. - Test 1</u>			<u>Puff Count/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Half & Half	X	10.8 ± 0.2	11.2 ± 0.2	11.0 ± 0.2	10.7 ± 0.2	10.7 ± 0.2	10.6 ± 0.2
	s	0.4	0.3	0.4	0.4	0.3	0.3
	CV	3.3	2.7	3.2	3.4	3.0	3.2
Helmar	X	11.1 ± 0.3	11.1 ± 0.2	11.1 ± 0.2	10.0 ± 0.3	9.9 ± 0.3	9.9 ± 0.2
	s	0.5	0.4	0.4	0.5	0.5	0.5
	CV	4.9	3.3	4.1	5.3	5.0	5.0
Herbert Tareyton	X	10.0 ± 0.2	10.3 ± 0.2	10.1 ± 0.1	9.1 ± 0.2	8.9 ± 0.1	9.0 ± 0.1
	s	0.2	0.3	0.3	0.3	0.2	0.3
	CV	2.6	2.6	3.0	3.5	2.2	3.0
Holiday king size, non-filter	X	11.2 ± 0.3	11.3 ± 0.3	11.2 ± 0.2	10.0 ± 0.2	10.3 ± 0.4	10.1 ± 0.2
	s	0.4	0.5	0.5	0.3	0.6	0.5
	CV	3.9	4.8	4.3	3.2	6.0	4.9
Holiday king size, filter	X	12.2 ± 0.9	12.0 ± 0.5	12.1 ± 0.5	11.1 ± 0.4	11.1 ± 0.3	11.1 ± 0.2
	s	1.4	0.8	1.1	0.6	0.4	0.5
	CV	11.4	6.6	9.1	5.7	4.1	4.8
Home Run	X	6.7 ± 0.2	6.7 ± 0.2	6.7 ± 0.1	5.8 ± 0.1	5.6 ± 0.1	5.7 ± 0.1
	s	0.3	0.3	0.2	0.1	0.2	0.2
	CV	3.9	4.0	3.9	2.4	4.2	4.0
Kent reg. size, filter	X	7.0 ± 0.2	7.0 ± 0.2	7.0 ± 0.1	6.6 ± 0.2	6.4 ± 0.1	6.5 ± 0.1
	s	0.3	0.3	0.3	0.3	0.2	0.3
	CV	4.7	4.2	4.4	4.8	2.6	4.0
Kent king size, filter hard pack	X	8.8 ± 0.2	8.9 ± 0.1	8.8 ± 0.1	8.4 ± 0.3	8.4 ± 0.2	8.4 ± 0.2
	s	0.3	0.2	0.3	0.5	0.3	0.4
	CV	3.6	2.7	3.1	5.8	3.3	4.6

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		<u>Puff Count/cigt. - Test 1</u>			<u>Puff Count/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Kent	X	8.8±0.3	8.9±0.2	8.8±0.2	8.6±0.2	8.6±0.2	8.6±0.2
king size,	s	0.5	0.3	0.4	0.4	0.3	0.3
filter	CV	5.5	3.3	4.5	4.2	4.0	4.0
soft pack							
Kent	X	10.3±0.3	10.5±0.4	10.4±0.2	10.6±0.3	10.2±0.2	10.4±0.2
100 mm.	s	0.5	0.6	0.5	0.4	0.3	0.4
filter	CV	5.1	5.4	5.2	4.0	3.1	4.0
King Sano	X	7.8±0.1	7.9±0.2	7.9±0.1	7.5±0.2	7.6±0.2	7.6±0.1
king size,	s	0.2	0.3	0.2	0.3	0.3	0.3
filter	CV	2.7	3.3	3.0	4.6	4.5	4.4
King Sano	X	8.0±0.3	7.9±0.2	8.0±0.2	7.8±0.3	7.6±0.5	7.7±0.3
king size,	s	0.5	0.4	0.4	0.5	0.8	0.6
filter menthol	CV	5.8	4.5	5.1	6.3	10.4	8.5
Kool	X	6.9±0.2	7.0±0.1	7.0±0.1	6.1±0.1	6.1±0.1	6.1±0.1
reg. size,	s	0.3	0.1	0.2	0.2	0.2	0.2
non-filter	CV	4.7	1.8	3.6	3.5	3.7	3.5
menthol							
Kool	X	8.6±0.2	8.8±0.2	8.7±0.1	8.3±0.2	8.4±0.2	8.4±0.1
king size,	s	0.3	0.3	0.3	0.3	0.2	0.3
filter	CV	3.0	3.6	3.5	3.5	3.0	3.3
menthol							
Kool	X	9.8±0.2	10.1±0.2	9.9±0.1	10.2±0.2	10.0±0.2	10.1±0.2
100 mm.	s	0.3	0.3	0.3	0.4	0.3	0.4
filter	CV	3.5	2.6	3.4	3.4	3.3	3.5
menthol							

PM3000952686

		<u>Puff Count/cigt. - Test 1</u>			<u>Puff Count/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
L & M reg. size filter	X s CV	7.2±0.2 0.3 3.8	7.3±0.3 0.4 5.9	7.3±0.2 0.4 4.9	6.8±0.5 0.8 11.3	6.3±0.1 0.2 3.6	6.6±0.3 0.6 9.3
L & M king size, filter hard pack	X s CV	8.1±0.2 0.3 3.4	8.1±0.2 0.2 3.1	8.1±0.1 0.2 3.2	7.8±0.2 0.2 3.3	8.0±0.4 0.6 7.2	7.9±0.2 0.4 5.7
L & M king size, filter soft pack	X s CV	9.0±0.2 0.2 2.8	9.0±0.2 0.2 2.8	9.0±0.1 0.2 2.7	8.6±0.2 0.3 3.4	8.5±0.2 0.3 3.2	8.5±0.1 0.3 3.2
L & M 100 mm. filter	X s CV	10.4±0.2 0.4 3.8	10.2±0.2 0.4 3.8	10.2±0.2 0.4 3.8	10.5±0.5 0.8 7.5	10.2±0.2 0.4 3.4	10.4±0.3 0.6 5.8
L & M 100 mm. filter menthol	X s CV	10.0±0.3 0.6 5.6	10.4±0.2 0.3 3.2	10.2±0.2 0.5 4.7	10.3±0.3 0.5 4.5	10.4±0.3 0.5 5.1	10.3±0.2 0.5 4.7
Lark king size, filter	X s CV	8.7±0.3 0.4 5.0	8.9±0.2 0.3 3.0	8.8±0.2 0.4 4.1	8.2±0.2 0.3 3.5	8.3±0.2 0.4 4.6	8.3±0.1 0.3 4.0
Lark 100 mm. filter	X s CV	9.5±0.2 0.4 3.9	9.7±0.3 0.5 4.8	9.6±0.2 0.4 4.4	9.6±0.2 0.3 2.8	9.5±0.2 0.3 3.2	9.6±0.1 0.3 2.9
Life	X s CV	7.6±0.1 0.2 2.9	7.6±0.2 0.3 3.4	7.6±0.1 0.2 3.1	7.5±0.2 0.2 3.3	7.5±0.1 0.2 3.0	7.5±0.1 0.2 3.1

PM3000952687

		<u>Puff Count/cigt. - Test 1</u>			<u>Puff Count/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Lucky Strike	X	8.6 ± 0.1	8.6 ± 0.3	8.6 ± 0.2	7.6 ± 0.1	7.4 ± 0.1	7.5 ± 0.1
reg. size,	s	0.2	0.4	0.3	0.1	0.2	0.2
non-filter	CV	2.6	5.2	4.0	1.9	2.8	2.5
Lucky Strike	X	8.8 ± 0.2	8.8 ± 0.2	8.8 ± 0.1	8.4 ± 0.1	8.4 ± 0.1	8.4 ± 0.1
king size,	s	0.3	0.2	0.3	0.2	0.2	0.2
filter	CV	3.7	2.8	3.2	2.4	2.7	2.5
Lucky Strike	X	9.0 ± 0.1	9.0 ± 0.1	9.0 ± 0.1	8.5 ± 0.2	8.6 ± 0.2	8.5 ± 0.2
king size,	s	0.2	0.2	0.2	0.4	0.3	0.4
filter menthol	CV	2.6	2.1	2.3	4.7	3.4	4.1
Lucky Strike	X	9.8 ± 0.1	9.8 ± 0.1	9.8 ± 0.1	9.8 ± 0.2	10.0 ± 0.2	9.9 ± 0.2
100 mm.	s	0.2	0.2	0.2	0.3	0.4	0.3
filter	CV	1.6	2.0	1.8	3.4	3.5	3.5
Lucky Strike	X	9.5 ± 0.2	9.6 ± 0.1	9.6 ± 0.1	9.6 ± 0.2	9.6 ± 0.2	9.6 ± 0.1
100 mm.	s	0.3	0.2	0.3	0.3	0.3	0.3
filter menthol	CV	3.3	2.1	2.8	3.1	3.4	3.2
Mapleton	X	8.0 ± 0.2	8.1 ± 0.1	8.0 ± 0.1	7.0 ± 0.2	6.6 ± 0.2	6.8 ± 0.1
reg. size,	s	0.3	0.2	0.2	0.3	0.3	0.3
non-filter	CV	3.6	2.5	3.1	4.2	4.0	4.6
Mapleton	X	9.0 ± 0.2	9.0 ± 0.3	9.0 ± 0.2	8.8 ± 0.1	8.7 ± 0.2	8.8 ± 0.1
king size,	s	0.4	0.5	0.4	0.2	0.3	0.2
filter	CV	4.6	5.3	4.8	1.8	3.6	2.8
Marlboro	X	8.9 ± 0.1	9.0 ± 0.1	8.9 ± 0.1	8.3 ± 0.1	8.2 ± 0.2	8.2 ± 0.1
king size,	s	0.2	0.2	0.2	0.2	0.2	0.2
filter,	CV	2.6	1.8	2.3	2.6	2.9	2.8
hard pack							

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		<u>Puff Count/cigt. - Test 1</u>			<u>Puff Count/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Marlboro king size, filter soft pack	X s CV	9.3±0.4 0.6 6.4	9.5±0.2 0.3 3.2	9.4±0.2 0.5 4.9	9.1±0.2 0.3 3.7	9.0±0.2 0.3 3.3	9.0±0.1 0.3 3.5
Marlboro 100 mm. filter soft pack	X s CV	10.6±0.2 0.4 3.8	10.4±0.2 0.3 2.7	10.5±0.2 0.3 3.3	10.4±0.2 0.3 3.2	10.3±0.3 0.4 4.4	10.3±0.2 0.4 3.8
Marlboro 95 mm. filter hard pack	X s CV	10.0±0.1 0.2 1.6	9.8±0.8 1.3 13.6	9.9±0.4 0.9 9.4	10.3±0.1 0.1 1.3	10.1±0.2 0.4 3.7	10.2±0.1 0.3 2.9
Marlboro king size, filter menthol	X s CV	9.2±0.2 0.3 3.2	9.2±0.1 0.2 2.4	9.2±0.1 0.2 2.8	9.0±0.2 0.4 4.2	8.9±0.1 0.2 1.9	9.0±0.1 0.3 3.3
Marvels reg. size, non-filter	X s CV	7.2±0.4 0.6 8.2	7.3±0.2 0.3 4.2	7.3±0.2 0.5 6.3	6.0±0.1 0.2 3.1	6.0±0.1 0.2 3.6	6.0±0.1 0.2 3.3
Marvels reg. size, filter	X s CV	6.9±0.1 0.2 3.4	6.8±0.2 0.3 4.8	6.9±0.1 0.3 4.1	6.3±0.1 0.2 3.7	6.3±0.2 0.3 5.4	6.3±0.1 0.3 4.5
Marvels king size, non-filter	X s CV	8.8±0.2 0.4 4.4	9.0±0.1 0.2 2.4	8.9±0.2 0.3 3.8	8.0±0.2 0.3 3.3	7.8±0.2 0.3 4.2	7.9±0.1 0.3 3.9
Marvels king size, filter	X s CV	8.2±0.4 0.6 7.0	7.9±0.3 0.5 5.8	8.1±0.2 0.5 6.5	7.7±0.3 0.4 5.4	7.6±0.2 0.4 4.7	7.6±0.2 0.4 5.0

<u>Puff Count/cigt. - Test 1</u>				<u>Puff Count/cigt. - Test 2</u>			
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Marvels	X	8.4 ± 0.2	8.6 ± 0.2	8.5 ± 0.1	8.1 ± 0.2	8.3 ± 0.1	8.2 ± 0.1
king size,	s	0.3	0.2	0.3	0.3	0.2	0.3
filter menthol	CV	3.4	3.0	3.3	4.1	2.2	3.3
Montclair	X	8.9 ± 0.2	9.2 ± 0.2	9.0 ± 0.2	8.7 ± 0.2	8.6 ± 0.1	8.6 ± 0.1
	s	0.4	0.3	0.4	0.3	0.2	0.2
	CV	4.0	3.5	4.0	3.0	2.4	2.7
Newport	X	8.6 ± 0.2	8.7 ± 0.2	8.7 ± 0.2	8.0 ± 0.3	7.7 ± 0.2	7.8 ± 0.2
king size,	s	0.3	0.4	0.3	0.4	0.3	0.4
filter menthol	CV	3.3	4.6	3.9	5.7	4.4	5.2
hard pack							
Newport	X	8.4 ± 0.2	8.7 ± 0.2	8.6 ± 0.1	8.2 ± 0.3	8.1 ± 0.2	8.2 ± 0.2
king size,	s	0.2	0.2	0.3	0.4	0.4	0.4
filter menthol	CV	3.1	2.8	3.3	5.1	4.8	4.9
soft pack							
Newport	X	9.9 ± 0.2	10.2 ± 0.2	10.0 ± 0.1	10.0 ± 0.2	9.8 ± 0.2	9.9 ± 0.1
100 mm.	s	0.3	0.3	0.3	0.4	0.3	0.3
filter menthol	CV	3.0	2.8	3.1	3.5	2.9	3.4
Oasis	X	8.7 ± 0.3	8.7 ± 0.2	8.7 ± 0.2	9.0 ± 0.8	8.4 ± 0.2	8.7 ± 0.4
	s	0.4	0.3	0.4	1.3	0.4	1.0
	CV	4.9	3.3	4.1	14.2	4.5	11.0
Old Gold	X	7.3 ± 0.2	7.5 ± 0.2	7.4 ± 0.1	6.5 ± 0.3	6.3 ± 0.2	6.4 ± 0.2
reg. size,	s	0.3	0.2	0.3	0.4	0.3	0.4
non-filter	CV	4.4	3.3	3.9	7.0	4.2	6.1
Old Gold	X	9.6 ± 0.2	9.6 ± 0.2	9.6 ± 0.1	8.5 ± 0.3	8.3 ± 0.2	8.4 ± 0.2
king size,	s	0.2	0.4	0.3	0.4	0.3	0.4
non-filter	CV	2.7	3.8	3.2	5.0	4.1	4.6

		<u>Puff Count/cigt. - Test 1</u>			<u>Puff Count/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Old Gold	X	8.9±0.2	9.0±0.2	8.9±0.1	8.7±0.2	8.6±0.2	8.6±0.2
king size,	s	0.4	0.2	0.3	0.4	0.3	0.3
filter	CV	4.2	2.6	3.4	4.6	3.3	4.0
Omar	X	9.2±0.2	9.3±0.2	9.2±0.1	7.8±0.3	7.7±0.1	7.7±0.1
	s	0.3	0.3	0.3	0.4	0.2	0.3
	CV	3.2	3.2	3.2	5.4	2.6	4.2
Pall Mall	X	10.0±0.2	10.1±0.1	10.0±0.1	8.9±0.2	8.9±0.1	8.9±0.1
king size,	s	0.3	0.2	0.2	0.3	0.2	0.3
non-filter	CV	3.2	1.8	2.5	3.8	2.4	3.1
soft pack							
Pall Mall	X	9.0±0.2	9.0±0.1	9.0±0.1	9.1±0.1	9.1±0.1	9.1±0.1
95 mm.	s	0.3	0.2	0.2	0.2	0.3	0.2
filter	CV	3.3	2.4	2.8	1.9	3.0	2.4
hard pack							
Pall Mall	X	8.9±0.6	8.9±0.1	8.9±0.3	8.8±0.1	8.9±0.1	8.8±0.1
95 mm.	s	0.9	0.2	0.6	0.2	0.2	0.2
filter menthol	CV	10.0	2.6	7.1	2.1	2.2	2.2
hard pack							
Pall Mall	X	10.4±0.2	10.2±0.2	10.3±0.1	10.4±0.3	10.1±0.2	10.3±0.2
100 mm.	s	0.4	0.3	0.3	0.4	0.3	0.4
filter	CV	3.4	2.6	3.1	4.3	2.9	3.9
soft pack							
Pall Mall	X	9.7±0.2	9.6±0.2	9.6±0.2	9.7±0.2	9.7±0.2	9.7±0.2
100 mm.	s	0.3	0.4	0.4	0.4	0.3	0.3
filter menthol	CV	3.5	4.0	3.7	3.8	3.2	3.4
soft pack							

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		<u>Puff Count/cigt. - Test 1</u>			<u>Puff Count/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Parliament king size, filter hard pack	X s CV	7.6±0.1 0.2 3.1	7.5±0.1 0.2 2.6	7.6±0.1 0.2 2.9	7.5±0.2 0.3 3.5	7.4±0.1 0.2 3.0	7.4±0.1 0.2 3.2
Parliament king size, filter soft pack	X s CV	8.0±0.2 0.2 3.0	8.1±0.1 0.2 2.7	8.1±0.1 0.2 2.9	8.2±0.1 0.2 2.6	8.1±0.1 0.2 2.5	8.2±0.1 0.2 2.7
Philip Morris reg. size, non-filter	X s CV	7.9±0.2 0.3 4.4	8.1±0.2 0.4 4.8	8.0±0.2 0.4 4.7	7.0±0.2 0.3 3.8	6.9±0.1 0.2 3.1	6.9±0.1 0.2 3.5
Philip Morris Commander	X s CV	10.4±0.2 0.3 2.8	10.5±0.2 0.4 3.8	10.4±0.2 0.3 3.3	9.4±0.3 0.4 4.6	9.4±0.1 0.2 2.4	9.4±0.1 0.3 3.6
Philip Morris king size, filter	X s CV	8.8±0.3 0.5 5.5	9.0±0.1 0.2 2.1	8.9±0.2 0.4 4.1	8.8±0.2 0.4 4.2	8.7±0.2 0.3 3.6	8.8±0.2 0.3 3.8
Philip Morris king size, filter menthol	X s CV	8.8±0.1 0.2 2.5	8.8±0.1 0.2 2.4	8.8±0.1 0.2 2.4	8.4±0.5 0.9 10.3	8.6±0.1 0.2 2.2	8.5±0.3 0.6 7.3
Picayune	X s CV	6.8±0.1 0.2 2.9	6.9±0.2 0.2 3.5	6.8±0.1 0.2 3.2	5.8±0.1 0.2 3.9	5.9±0.2 0.2 4.1	5.8±0.1 0.2 3.9

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		<u>Puff Count/cigt. - Test 1</u>			<u>Puff Count/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Piedmont	X	8.2±0.2	8.5±0.2	8.3±0.2	7.3±0.3	7.0±0.2	7.2±0.2
	s	0.3	0.5	0.4	0.4	0.3	0.4
	CV	3.8	5.6	5.2	5.8	4.0	5.2
Players	X	10.2±0.2	9.8±0.2	10.0±0.2	8.7±0.2	8.4±0.2	8.5±0.2
	s	0.4	0.2	0.4	0.3	0.4	0.4
	CV	3.6	2.6	3.7	4.0	4.8	4.5
Raleigh king size non-filter	X	9.6±0.2	9.7±0.3	9.6±0.2	8.5±0.2	8.7±0.2	8.6±0.1
	s	0.4	0.4	0.4	0.3	0.3	0.3
	CV	3.8	4.3	4.0	3.5	3.8	3.7
Raleigh king size, filter	X	9.0±0.1	9.3±0.2	9.1±0.1	8.8±0.2	8.8±0.2	8.8±0.1
	s	0.1	0.3	0.2	0.3	0.3	0.3
	CV	1.5	2.9	2.8	3.1	3.3	3.1
Salem king size, filter menthol	X	9.6±0.2	10.0±0.1	9.8±0.1	9.2±0.2	9.2±0.2	9.2±0.1
	s	0.3	0.1	0.3	0.2	0.3	0.3
	CV	3.4	1.4	3.2	2.8	3.5	3.1
Salem 100 mm. filter menthol	X	11.1±0.1	11.3±0.2	11.2±0.1	11.1±0.3	11.1±0.2	11.1±0.2
	s	0.2	0.4	0.3	0.4	0.3	0.4
	CV	1.4	3.4	2.6	4.1	2.6	3.3
Sano reg. size, non-filter	X	6.4±0.2	6.4±0.2	6.4±0.1	5.6±0.3	5.4±0.2	5.5±0.2
	s	0.3	0.4	0.3	0.4	0.2	0.3
	CV	4.8	5.8	5.1	7.7	4.5	6.3
Sano reg. size, filter	X	6.4±0.2	6.4±0.2	6.4±0.2	6.0±0.2	5.9±0.2	6.0±0.1
	s	0.3	0.4	0.3	0.3	0.3	0.3
	CV	4.6	6.4	5.4	4.9	5.8	5.4

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		<u>Puff Count/cigt. - Test 1</u>			<u>Puff Count/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Silva Thins	X	9.3±0.2	9.3±0.2	9.3±0.1	9.4±0.3	9.2±0.2	9.3±0.2
100 mm.	s	0.3	0.3	0.3	0.4	0.2	0.4
filter	CV	2.9	3.4	3.0	4.4	2.6	3.8
Silva Thins	X	9.3±0.2	9.3±0.2	9.3±0.1	9.2±0.1	9.5±0.4	9.3±0.2
100 mm.	s	0.3	0.3	0.3	0.2	0.6	0.5
filter menthol	CV	3.3	3.6	3.4	2.5	6.9	5.3
Spring	X	10.2±0.3	10.2±0.2	10.2±0.2	10.6±0.3	10.4±0.2	10.5±0.2
	s	0.4	0.4	0.4	0.5	0.3	0.4
	CV	4.4	3.4	3.8	5.1	2.7	4.2
Stratford	X	9.9±0.3	9.9±0.3	9.9±0.2	9.0±0.2	9.1±0.1	9.0±0.1
king size,	s	0.4	0.4	0.4	0.3	0.2	0.3
non-filter	CV	4.6	4.5	4.4	3.8	2.3	3.1
Stratford	X	9.2±0.2	9.2±0.2	9.2±0.1	8.6±0.2	8.6±0.2	8.6±0.2
king size,	s	0.3	0.3	0.3	0.3	0.4	0.4
filter	CV	3.6	3.6	3.5	4.0	4.4	4.1
Stratford	X	8.8±0.3	9.0±0.1	8.9±0.2	8.8±0.3	8.9±0.5	8.8±0.3
king size,	s	0.4	0.2	0.4	0.4	0.8	0.6
filter menthol	CV	4.9	2.6	4.0	5.0	8.4	6.8
Sweet Caporal	X	9.6±0.1	9.5±0.2	9.6±0.1	9.1±0.2	8.9±0.2	9.0±0.2
	s	0.2	0.3	0.3	0.4	0.3	0.3
	CV	2.2	3.2	2.7	4.1	3.4	3.8
Tareyton	X	9.1±0.4	9.0±0.1	9.0±0.2	8.7±0.2	8.4±0.1	8.6±0.1
king size,	s	0.6	0.1	0.4	0.3	0.2	0.3
filter	CV	6.1	1.6	4.4	3.8	2.1	3.4
Tareyton	X	10.5±0.2	10.4±0.2	10.5±0.1	10.6±0.2	10.3±0.1	10.5±0.1
100 mm.	s	0.2	0.3	0.3	0.3	0.2	0.3
filter	CV	2.4	3.2	2.8	2.4	1.5	2.5

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		<u>Puff Count/cigt. - Test 1</u>			<u>Puff Count/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Tempo	X	8.3±0.2	8.3±0.3	8.3±0.2	8.1±0.1	8.0±0.1	8.0±0.1
	s	0.3	0.4	0.4	0.2	0.2	0.2
	CV	3.2	5.3	4.3	2.8	2.7	2.8
True (Blue)	X	8.5±0.2	8.4±0.1	8.4±0.1	8.4±0.3	8.2±0.2	8.3±0.2
king size,	s	0.3	0.2	0.3	0.4	0.2	0.4
filter	CV	3.7	2.7	3.2	5.5	2.9	4.4
True (Green)	X	8.1±0.3	8.3±0.1	8.2±0.2	8.3±0.2	8.0±0.1	8.2±0.1
king size,	s	0.5	0.2	0.4	0.4	0.2	0.3
filter menthol	CV	6.0	2.8	4.6	4.7	2.5	4.1
Tryon	X	9.0±0.3	9.1±0.3	9.0±0.2	8.9±0.3	8.9±0.3	8.9±0.2
king size,	s	0.4	0.5	0.4	0.5	0.5	0.5
filter	CV	4.6	5.6	5.0	5.8	6.1	5.8
Tryon	X	9.8±0.2	9.8±0.3	9.8±0.2	9.6±0.2	9.3±0.2	9.4±0.2
king size,	s	0.3	0.4	0.3	0.3	0.4	0.4
filter menthol	CV	2.7	4.2	3.5	3.6	3.8	4.0
Viceroy	X	9.1±0.2	9.4±0.1	9.2±0.1	8.9±0.2	8.9±0.2	8.9±0.1
king size,	s	0.3	0.2	0.3	0.3	0.2	0.3
filter	CV	3.8	2.5	3.5	3.5	2.7	3.1
Viceroy	X	10.5±0.2	10.5±0.2	10.5±0.1	10.6±0.3	10.5±0.2	10.5±0.2
100 mm.	s	0.3	0.3	0.3	0.5	0.3	0.4
filter	CV	3.0	2.8	2.9	5.0	2.6	3.9
Virginia Slims	X	9.3±0.1	9.4±0.2	9.3±0.1	9.3±0.1	9.2±0.2	9.2±0.1
100 mm.	s	0.2	0.3	0.3	0.2	0.3	0.3
filter	CV	1.9	3.6	2.8	2.4	3.4	2.9

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<u>Puff Count/cigt. - Test 1</u>				<u>Puff Count/cigt. - Test 2</u>			
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Virginia Slims	X	9.4 ± 0.1	9.4 ± 0.2	9.4 ± 0.1	9.4 ± 0.2	9.4 ± 0.1	9.4 ± 0.1
100 mm.	s	0.2	0.3	0.2	0.3	0.2	0.2
menthol	CV	1.9	3.0	2.5	3.3	2.2	2.8
Vogue	X	9.2 ± 0.2	9.0 ± 0.2	9.1 ± 0.1	8.0 ± 0.2	8.1 ± 0.2	8.1 ± 0.2
assorted	s	0.4	0.2	0.3	0.4	0.3	0.4
colors	CV	3.8	2.9	3.4	5.0	3.9	4.4
Vogue	X	10.4 ± 0.2	10.5 ± 0.2	10.4 ± 0.1	9.5 ± 0.2	9.5 ± 0.2	9.5 ± 0.2
black	s	0.3	0.3	0.3	0.4	0.4	0.4
	CV	2.8	2.8	2.8	4.2	4.0	4.0
Wings	X	8.3 ± 0.1	8.3 ± 0.1	8.3 ± 0.1	7.9 ± 0.2	8.0 ± 0.1	8.0 ± 0.1
	s	0.2	0.2	0.2	0.3	0.2	0.2
	CV	2.4	2.4	2.3	3.5	2.9	3.2
Winston	X	9.6 ± 0.2	9.6 ± 0.1	9.6 ± 0.1	8.5 ± 0.1	8.5 ± 0.2	8.5 ± 0.1
king size,	s	0.4	0.2	0.3	0.2	0.3	0.2
filter	CV	3.8	2.0	2.9	2.4	3.1	2.7
hard pack							
Winston	X	9.5 ± 0.2	9.6 ± 0.2	9.6 ± 0.1	9.0 ± 0.2	9.2 ± 0.2	9.1 ± 0.1
king size,	s	0.2	0.3	0.3	0.3	0.3	0.3
filter	CV	2.7	3.0	2.9	3.3	3.4	3.3
soft pack							
Winston	X	11.4 ± 0.2	11.2 ± 0.2	11.3 ± 0.1	11.4 ± 0.2	11.1 ± 0.2	11.2 ± 0.2
100 mm.	s	0.3	0.2	0.3	0.3	0.4	0.4
filter,	CV	2.5	2.3	2.4	2.4	3.4	3.2
soft pack							

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		<u>Puff Count/cigt. - Test 1</u>			<u>Puff Count/cigt. - Test 2</u>		
<u>BRAND</u>		<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>	<u>Smoking Machine A</u>	<u>Smoking Machine B</u>	<u>A & B Combined</u>
Winston	X	11.3 \pm 0.2	11.2 \pm 0.2	11.2 \pm 0.1	11.5 \pm 0.3	11.1 \pm 0.2	11.3 \pm 0.2
100 mm.	s	0.3	0.3	0.3	0.5	0.3	0.4
filter	CV	2.9	2.8	2.8	4.2	2.4	3.8
menthol							
Yukon	X	10.0 \pm 0.2	10.3 \pm 0.3	10.1 \pm 0.2	9.2 \pm 0.4	9.0 \pm 0.3	9.1 \pm 0.2
	s	0.4	0.6	0.5	0.6	0.5	0.5
	CV	3.6	5.4	4.6	6.2	5.5	5.8
Monitor	X	9.1 \pm 0.03	9.2 \pm 0.02		9.1 \pm 0.03	9.0 \pm 0.06	
Smoking	s	0.2	0.2		0.3	0.5	
Machine A	CV	2.8	2.5		3.0	6.1	